4.11 Simple Closed Planar Curve Entity (Type 106, Form 63)

A simple closed planar curve (Form 63) defines the boundary of a region in XY coordinate space. This entity must meet the constraints of a simple closed curve (see Appendix K) that lies in a
ECO707 plane ZT = constant, and the first and last data points shall be coicident. Parameterization for this entity may be provided: the default parameterization is the same as defined for the planar linear path (Form 11). The Simple Closed Planar Curve is closely related to entities that require the functionality of a closed region.

Directory Entry

Number and Name	Value
(1) Entity Type Number	106
(3) Structure	$< n.a. >$
(4) Line Font Pattern	$\#, \Rightarrow$
(5) Level	$\#, \Rightarrow$
(6) View	$0, \Rightarrow$
(7) Transformation Matrix	$0, \Rightarrow$
(8) Label Display Assoc.	$0, \Rightarrow$
(9a) Blank Status	??
(9b) Subord. Ent. Switch	??
(9c) Entity Use Flag	??
(9d) Hierarchy	**
(12) Line Weight Number	#
(13) Color Number	$\#, \Rightarrow$
(15) Form Number	63

ECO707 **Parameter Data**

Index	Name	Type	Description
1	IP	Integer	Interpretation Flag 1 = x,y pairs, common z 2 = x,y,z coordinates 3 = x,y,z coordinates and i,j,k vectors
2	N	Integer	Number of n-tuples; N $\geq$ 2
3	ZT	Real	Common z displacement
4	X(1)	Real	First data point abscissa
5	Y(1)	Real	First data point ordinate
⋮	⋮	⋮	
2+2*N	X(N)	Real	Last data point abscissa (= X(1))
3+2*N	Y(N)	Real	Last data point ordinate (= Y(1))

Additional pointers as required (see Section 2.2.4.5.2).